

# Work Order ID 143845

March 23, 2016 3:44:02 PM

## \*143845\*

Page 1

Item ID: D350-578-031

Revision ID:

Item Name: AS350/AS355 Bearpaw Wearplates

Start Date: 3/24/2016 Start Qty: 7.00

Required Date: 4/6/2016 Req'd Qty: 7.00

Reference:

Accept

\*N9000040100\*

Setup Start \*NS1\*

Stop \*NS2\*

Cust Item ID:

Customer:

Approvals:

Process Plan: *SJA*

Date: 0160322

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start \*NR1\*

Stop \*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
|----------|--------------|

|          |   |
|----------|---|
| D350-578 | H |
|----------|---|

100

Document Control

0.00

\*100\*

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and type labels per PPP D350-578-031 CHG 003

DAS  
6  
9-89

MLJ 16-04-04 (9)

9x

DAS  
28  
9-89

APR 06 2016

105

Pick Kit

0.00

\*105\*

Packaging

Memo

0.00

Packaging

9

DAS  
27  
9-89

DAS  
6  
9-89

APR 02 2016

110

QC4- 100% Inspect kits for completeness

0.00

\*110\*

QC

Memo

0.00

Quality Control

9x

DAS  
28  
9-89

APR 06 2016

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                             |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
|--------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------|------------------------------------------------|------------------------------------|--------------------------------|-----------------------------------------------|----------------------------------------|-----------------------------------|---------------------------------|-----------------------------------------------|-------------------------------|-----------------------------------------|---------------------------------------|-----------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------------------|--------------------------------------------|-----------------------------------|------------------------------------------|--------------------------------|----------------------------------------|------------------------------------------|-------------------------------------|---------------------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------|----------------------------------|----------------------------------|-------------------------------------------|----------------------------------|-------------------------------------|----------------------------------------|-------------------------------------|---------------------------------|------------------------------|----------------------------------------------|---------------------------------------------|----------------------------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|----------------------------------------------|----------------------------------------|--------------------------------------|------------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------------|---------------|--|--|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |                                             | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |                                           | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Date :                                                       |                                             | Step #:                                                                                                                                                                            |                                           | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   | MRB (QSI042) Approval                                                                                              |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Description Work Order Deviation                             |                                             |                                                                                                                                                                                    |                                           | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                   | Completed By<br><br><br>Lead hand / Supervisor<br>Approval Verification<br><br><br>QC / QA Coordinator<br>Approval |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
|                                                              |                                             |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
|                                                              |                                             |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Root Cause                                                   |                                             | FAULT CATEGORY                                                                                                                                                                     |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |
| Environment <input type="checkbox"/>                         | No Re-verification <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/>                                                                                                                                           | Temperature/Cure <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Positioned Wrong <input type="checkbox"/> | Design <input type="checkbox"/> | Operator <input type="checkbox"/> | Bending <input type="checkbox"/>                                                                                   | Set-up <input type="checkbox"/> | Folio/Program <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | Doc/Data <input type="checkbox"/> | Offset/Setup <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Grain <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | Equip/Tooling <input type="checkbox"/> | Supplier <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Weld <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | Handling/Pre <input type="checkbox"/> | Training <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | Material <input type="checkbox"/> | Use for Testing <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | Part Moved <input type="checkbox"/> | Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Off-set <input type="checkbox"/> | Drawing <input type="checkbox"/> | Tribal Knowledge <input type="checkbox"/> | Rushing <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Finish <input type="checkbox"/> | LOA <input type="checkbox"/> | Product Improvement <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Fit/Function <input type="checkbox"/> | Misread <input type="checkbox"/> | Substation <input type="checkbox"/> | Process Improvement <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/> | Past Expiry Date <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> | OTHER : _____ |  |  |  |
| Misidentified <input type="checkbox"/>                       | Past Due <input type="checkbox"/>           |                                                                                                                                                                                    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                   |                                                                                                                    |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |

**Work Order ID 143845**

March 23, 2016 3:44:02 PM

**\*143845\***

Page 2

Item ID: D350-578-031

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: AS350/AS355 Bearpaw Wearplates

Start Date: 3/24/2016 Start Qty: 7.00

**\*7\***

Cust Item ID:

Required Date: 4/6/2016 Req'd Qty: 7.00

**\*7\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

**\*120\***

Packaging

Packaging

0.00

0.00

Memo

Identify and pack for shipping as per PPP D350-578-031 and DSI9429

Location:

PPP Rev:

PPP143605

9X

DAS  
28  
9-88

APR 06 2016

130

**\*130\***

QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.01

MUS

APR 06 2016

MUS APR 06 2016

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                   |  |  |
|--------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------|--|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ |  | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> |  | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>             Skid-tube <input type="checkbox"/><br/>             Machining <input type="checkbox"/><br/>             Thermoforming <input type="checkbox"/><br/>             Large Fab <input type="checkbox"/> </div> <div>             Cross tube <input type="checkbox"/><br/>             Small Fab <input type="checkbox"/><br/>             Finishing <input type="checkbox"/><br/>             Composite <input type="checkbox"/> </div> <div>             Water Jet <input type="checkbox"/><br/>             Prod. Eng. Coord. <input type="checkbox"/><br/>             Rec/Store/Packaging <input type="checkbox"/><br/>             Supplier <input type="checkbox"/> </div> <div>             Engineering <input type="checkbox"/><br/>             Quality <input type="checkbox"/><br/>             Other <input type="checkbox"/> </div> </div> |  |  |                                                                                                                   |  |  |
| Date :                                                       |  | Step #:                                                                                                                                                                            |  | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | <b>MRB (QS1042) Approval</b><br><br><div style="border: 1px solid black; height: 150px; margin-top: 10px;"></div> |  |  |
| Description Work Order Deviation                             |  |                                                                                                                                                                                    |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |                                                                                                                   |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                   |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                   |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | Completed By                                                                                                      |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | Lead hand / Supervisor<br>Approval Verification                                                                   |  |  |
|                                                              |  |                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  | QC / QA Coordinator<br>Approval                                                                                   |  |  |

| Root Cause                                  |                                                |                                                 |                                                            | FAULT CATEGORY                                 |                                               |  |  |
|---------------------------------------------|------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|--|--|
| Environment <input type="checkbox"/>        | No Re-verification <input type="checkbox"/>    | Pressure/Forced <input type="checkbox"/>        | Temperature/Cure <input type="checkbox"/>                  | Power Loss/Surge <input type="checkbox"/>      | Positioned Wrong <input type="checkbox"/>     |  |  |
| Design <input type="checkbox"/>             | Operator <input type="checkbox"/>              | Bending <input type="checkbox"/>                | Set-up <input type="checkbox"/>                            | Folio/Program <input type="checkbox"/>         | Outside Dimensions <input type="checkbox"/>   |  |  |
| Doc/Data <input type="checkbox"/>           | Offset/Setup <input type="checkbox"/>          | Centre Not Concentric <input type="checkbox"/>  | BOM/Route <input type="checkbox"/>                         | Grain <input type="checkbox"/>                 | Over/Under tolerance <input type="checkbox"/> |  |  |
| Equip/Tooling <input type="checkbox"/>      | Supplier <input type="checkbox"/>              | Cracks <input type="checkbox"/>                 | Broken/Damage/Defect <input type="checkbox"/>              | Weld <input type="checkbox"/>                  | Part Incorrect <input type="checkbox"/>       |  |  |
| Handling/Pre <input type="checkbox"/>       | Training <input type="checkbox"/>              | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/>    | Part Lost/Missing <input type="checkbox"/>    |  |  |
| Material <input type="checkbox"/>           | Use for Testing <input type="checkbox"/>       | Cuffs <input type="checkbox"/>                  | Contamination <input type="checkbox"/>                     | Out of Sequence <input type="checkbox"/>       | Part Moved <input type="checkbox"/>           |  |  |
| Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/>      | Crushing <input type="checkbox"/>               | Countersink <input type="checkbox"/>                       | Off-set <input type="checkbox"/>               | Drawing <input type="checkbox"/>              |  |  |
| Tribal Knowledge <input type="checkbox"/>   | Rushing <input type="checkbox"/>               | Heat Treat <input type="checkbox"/>             | Cut Too Short <input type="checkbox"/>                     | Mislabeled <input type="checkbox"/>            | Finish <input type="checkbox"/>               |  |  |
| LOA <input type="checkbox"/>                | Product Improvement <input type="checkbox"/>   | Wave/Twist in Tube <input type="checkbox"/>     | Instructions Incomplete/Unclear <input type="checkbox"/>   | Fit/Function <input type="checkbox"/>          | Misread <input type="checkbox"/>              |  |  |
| Substation <input type="checkbox"/>         | Process Improvement <input type="checkbox"/>   | Marks/Chatter <input type="checkbox"/>          | Drill Holes <input type="checkbox"/>                       | Misaligned/off center <input type="checkbox"/> | Turning Sequence <input type="checkbox"/>     |  |  |
| Past Expiry Date <input type="checkbox"/>   | Manufacturing Process <input type="checkbox"/> | <b>OTHER :</b> _____                            |                                                            |                                                |                                               |  |  |
| Misidentified <input type="checkbox"/>      | Past Due <input type="checkbox"/>              |                                                 |                                                            |                                                |                                               |  |  |

# Picklist Print

March 23, 2016 3:44:06 PM

Page 1

Work Order ID: 143845

**\*143845\***

Parent Item: D350-578-031

**\*D350-578-031\***

Parent Item Name: AS350/AS355 Bearpaw Wearplates

Start Date: 3/24/2016

Required Date: 4/6/2016

Start Qty: 7.00

Required Qty: 7.00

Comments: IPP Rev:A 09-02-03 new issue DD verified by:JLM IPP REV:B  
14.05.01 AS PER ECN14-544 DD VERF:JLM IPP REV:C 15.03.30  
JLM VERIFIED BY:DD

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand  | Qty per Kit | Total<br>Qty  | Qty<br>Issued | Date<br>Issued   | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|-----------------|-------------|---------------|---------------|------------------|--------|
| D3859-041<br>Wearplate Assembly |                        | Manufactured  | No          |                     |                  | 105             | Each               | 20.0000         | 2           | 14 78         |               | DAS 27<br>6 9-89 |        |
| <b>*D3859-041*</b>              |                        |               |             |                     |                  |                 |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |               |               |                  |        |
|                                 |                        |               |             | ST610               |                  | 20              |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | 141276              |                  | 20              |                    |                 |             |               |               |                  |        |
| AN4-16A<br>Bolt                 |                        | Purchased     | No          |                     |                  |                 | Each               | 331.0000        | 12          | 84 96 108     |               | DAS 27<br>6 9-89 |        |
| <b>*AN4-16A*</b>                |                        |               |             |                     |                  |                 |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |               |               |                  |        |
|                                 |                        |               |             | FG                  |                  | 5               |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | 121541              |                  | 5               |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | over003             |                  | 100             |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | M134502             |                  | 100             |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | ST343               |                  | 226             |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | M128813             |                  | 12              |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | M134055             |                  | 14              |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | M134134             |                  | 200             |                    |                 |             |               |               |                  |        |
| AN4-17A<br>Bolt                 |                        | Purchased     | No          |                     |                  | 105             | Each               | 218.0000        | 12          | 108 84 96 108 |               | DAS 27<br>6 9-89 |        |
| <b>*AN4-17A*</b>                |                        |               |             |                     |                  |                 |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | <u>Location</u>     |                  | <u>Loc Qty</u>  |                    | <u>Loc Code</u> |             |               |               |                  |        |
|                                 |                        |               |             | ST343               |                  | 218             |                    |                 |             |               |               |                  |        |
|                                 |                        |               |             | M133998             |                  | 218             |                    |                 |             |               |               |                  |        |

APR 02 2016

# Picklist Print

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Page 2

Work Order ID: 143845

**\*143845\***

Parent Item: D350-578-031

**\*D350-578-031\***

Parent Item Name: AS350/AS355 Bearpaw Wearplates

Start Date: 3/24/2016

Required Date: 4/6/2016

Start Qty: 7.00

Required Qty: 7.00

NAS1149D0463J

Purchased

No

105

Each

2,718.000

24

168 218

\*\*

DAS 27  
6 27  
9-89 9-89

**\*NAS1149D0463.I\***

WASHER

Location

Loc Qty

Loc Code

GA

229

M129390

41

M132035

188

ST263

1501

M127904

12

M134039

1489

ST269

988

M132317

100

M132677

888

MS21042L4

Purchased

No

105

Each

2,530.000

12

84 96

\*\*

DAS 27  
6 27  
9-89 9-89

**\*MS21042I 4\***

Locknut

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

426

m133769

426

OVER007

1500

m134502

1500

ST303

470

m134055

470

ST305

97

m130922

97

APR 02 2016

## 5.0 PARTS LIST

## 5.1 D350-578-011/-013/-015/-017/-021 BEARPAW INSTALLATION

| Qty<br>-011 | Qty<br>-013 | Qty<br>-015 | Qty<br>-017 | Qty<br>-021 | Qty<br>-031 | Part Number   | Description                   |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------------------------|
| X           |             |             |             |             |             | D350-578-011  | BEARPAW INSTALLATION          |
|             | X           |             |             |             |             | D350-578-013  | BEARPAW INSTALLATION          |
|             |             | X           |             |             |             | D350-578-015  | BEARPAW INSTALLATION          |
|             |             |             | X           |             |             | D350-578-017  | BEARPAW INSTALLATION          |
|             |             |             |             | X           |             | D350-578-021  | BEARPAW INSTALLATION          |
|             |             |             |             |             | X           | D350-578-031  | WEARPLATE KIT                 |
| 2           |             |             |             |             |             | D2432F        | Bearpaw                       |
|             |             | 2           |             |             |             | D2432-3       | Bearpaw                       |
| 12          | 12          | 12          | 12          | 12          |             | D2529         | Washer                        |
|             |             |             |             | 2           |             | D2672F        | Bearpaw                       |
| 12          | 12          | 12          | 12          | 12          |             | D3601-1       | Radius Block (Replaces D2274) |
|             |             |             |             |             | 2           | D3859-041     | Wearplate                     |
| 6           | 6           | 6           | 6           | 6           |             | D4011-1       | Clamp (Replaces D2438)        |
| 6           | 6           | 6           | 6           | 6           |             | D4012-1       | Cushion (Replaces D2182B050)  |
|             | 2           |             |             |             |             | D4297-1       | Bearpaw                       |
|             |             |             | 2           |             |             | D4297-3       | Bearpaw                       |
| 12          | 12          |             |             | 12          | 12          | AN4-16A       | Bolt                          |
|             |             | 12          | 12          |             | 12          | AN4-17A       | Bolt                          |
| 24          | 24          | 24          | 24          | 24          | 24          | NAS1149D0463J | Washer                        |
| 12          | 12          | 12          | 12          | 12          | 12          | MS21042L4     | Nut (or MS21042-4)            |

## 5.2 D350-578-111/-113/-115/-117/-121 BEARPAW INSTALLATION

| Qty<br>-111 | Qty<br>-113 | Qty<br>-115 | Qty<br>-117 | Qty<br>-121 | Part Number  | Description          |
|-------------|-------------|-------------|-------------|-------------|--------------|----------------------|
| X           |             |             |             |             | D350-578-111 | BEARPAW INSTALLATION |
|             | X           |             |             |             | D350-578-113 | BEARPAW INSTALLATION |
|             |             | X           |             |             | D350-578-115 | BEARPAW INSTALLATION |
|             |             |             | X           |             | D350-578-117 | BEARPAW INSTALLATION |
|             |             |             |             | X           | D350-578-121 | BEARPAW INSTALLATION |
| 1           |             |             |             |             | D350-578-011 | Bearpaw Installation |
|             | 1           |             |             |             | D350-578-013 | Bearpaw Installation |
|             |             | 1           |             |             | D350-578-015 | Bearpaw Installation |
|             |             |             | 1           |             | D350-578-017 | Bearpaw Installation |
|             |             |             |             | 1           | D350-578-021 | Bearpaw Installation |
| 1           | 1           | 1           | 1           | 1           | D350-578-031 | Wearplate Kit        |

# Work Order ID 143845

**\*143845\***

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March 23, 2016 3:44:02 PM

Item ID: D350-578-031

Accept

**\*N9000040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: AS350/AS355 Bearpaw Wearplates

Start Date: 3/24/2016 Start Qty: 7.00

Cust Item ID:

Required Date: 4/6/2016 Req'd Qty: 7.00

Customer:

Reference:

Approvals: Process Plan: SJA Date: 20160322 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

Stop **\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description                                        | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|-----------------------------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| <b>Draw Nbr</b>                | <b>Revision Nbr</b>                                             |                      |         |        |              |               |               |                  |                |
| D350-578                       | H                                                               |                      |         |        |              |               |               |                  |                |
| 100                            | Document Control                                                | 0.00                 |         |        |              |               |               |                  |                |
| <b>*100*</b>                   | DOCUMENT CONTROL                                                |                      |         |        |              |               |               |                  |                |
| DC                             | Memo                                                            | 0.00                 |         |        |              |               |               |                  |                |
| Doc.Control -USB or Paperwork  | Photocopy bluefile and type labels per PPP D350-578-031 CHG 003 |                      |         |        |              |               |               |                  |                |
| 105                            | Pick Kit                                                        | 0.00                 |         |        |              |               |               |                  |                |
| <b>*105*</b>                   |                                                                 |                      |         |        |              |               |               |                  |                |
| Packaging                      | Memo                                                            | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      |                                                                 |                      |         |        |              |               |               |                  |                |
| 110                            | QC4- 100% Inspect kits for completeness                         | 0.00                 |         |        |              |               |               |                  |                |
| <b>*110*</b>                   |                                                                 |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                                            | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |                                                                 |                      |         |        |              |               |               |                  |                |

MLJ APR 04 2016  
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APR 02 2016